

Join the clubs for water saving jackpots

35 clubs in the Sydney area have found a surprisingly simple way to boost their bottom line – and been stunned by the results.

With drought and water efficiency an increasing focus for the community, these RSL, Leagues and other registered clubs have made a joint commitment with Sydney Water to reduce water usage in each club by at least 15 per cent.

The clubs have signed up to Sydney Water’s **every drop counts** business program, a partnership initiative to identify and implement water saving opportunities within businesses.

Nineteen clubs have already completed the program, and together are saving a staggering 413,000 litres per day – an average saving of over 30 per cent per club, well beyond their initial expectations.

Sydney Water Managing Director David Evans said, “Making a commitment to water efficiency can generate more than a sense of good corporate citizenship.”

“The 19 clubs who have finished the

program are now reaping financial rewards as well, which can be invested on other facilities around their clubs,” he said.

“Everyone has a role to play in saving water, especially during the current drought. This partnership shows that businesses are doing their bit to help Sydney’s water go the distance.

“Clubs are an integral part of community life. By helping to conserve resources for the future, they are giving something back to the community as well.

“They are also setting a strong example to their industry, and I hope other clubs will be encouraged to follow their lead.”

Sydney Water will use the information collected from the 35 Club audits to develop a *Best Practice Guidelines for Clubs*, a self-help guide to enable other clubs to benefit from the program.

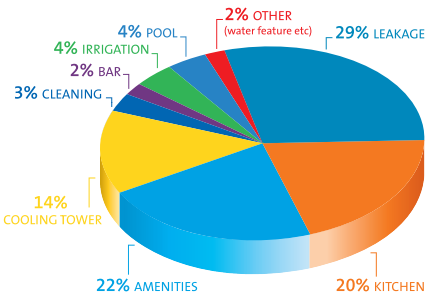


Above: (L-R) Sydney Water’s Project Officer Andrew Bennett with South Sydney Leagues Club Operations Manager, Glen Taylor,

Top right: (L-R) Sydney Water’s Project Officer Colin Cope, with St Marys Band Club’s Maintenance Manager, Allan Stewart in front of the Club’s cooling towers.

Lower right: (L-R) Sydney Water’s Project Officer Bob Stoll with Rooty Hill RSL Club’s Maintenance Manager, Damian Chambers and Sydney Water’s Project Officer David O’Connell at the pool.

Below: This chart is a summary of 19 audits showing a breakdown of water usage.



	OPPORTUNITY FOR CLUB TO ACHIEVE SAVINGS	IMPLEMENTATION COSTS & ESTIMATED SAVINGS
Rooty Hill RSL Club	<ul style="list-style-type: none"> • Evaporative Cooler: Review water bleed practices • Kitchens: Review cleaning practices • General Maintenance: Repair leaks to identified amenities • Pool: Repair faulty make-up valve 	<ul style="list-style-type: none"> • COST OF IMPLEMENTATION \$12,000 • WATER PERCENTAGE REDUCTION 37% • WATER SAVINGS 75,000 L/day • ESTIMATED COST SAVINGS \$56,000 per annum
South Sydney Leagues Club	<ul style="list-style-type: none"> • Cooling Towers: Repair leaks • Hand basins: Install flow control in all taps • Kitchens: Review operating practices • General Maintenance: Repair leaks to identified amenities 	<ul style="list-style-type: none"> • COST OF IMPLEMENTATION \$700 • WATER PERCENTAGE REDUCTION 70% • WATER SAVINGS 27,500 L/day • ESTIMATED COST SAVINGS \$16,800 per annum
St Marys District Band Club	<ul style="list-style-type: none"> • Cooling Towers: Repair leaks until scheduled replacement • Hand basins: Install flow control in all taps • Urinals: Reducing flushing time 	<ul style="list-style-type: none"> • COST OF IMPLEMENTATION \$1,400 • WATER PERCENTAGE REDUCTION 30% • WATER SAVINGS 20,000 L/day • ESTIMATED COST SAVINGS \$14,500 per annum



Rooty Hill RSL Club

Rooty Hill RSL, one of Sydney's largest Clubs with over 38,000 members, has managed to reduce its consumption by 75 kilolitres per day, saving \$56,000 per year.

The **every drop counts** water audit revealed scope for significant reductions even considering high water use facilities such as an aquatic centre.

"We did not believe the results of the audit at first because we did not think we had much of a problem," Maintenance Manager, Damien Chambers said.

However the audit revealed that the pool was using 90 kilolitres per day, over a third of the Club's total water use. A broken ball valve was sending water from the water flow trenches directly to the drains instead of returning it to the pool. Fixing this single problem saved 60 kilolitres per day, cutting the pool's water use by two thirds.

Reviewing the way water was used in evaporative coolers, scrubbing kitchen floors instead of hosing and just repairing leaks have been cost effective ways to reduce water consumption. Sub meters have also been installed at key points like the pool to identify any further abnormalities in water use.

"Water usage is now part of the management system, incorporating monitoring and regular discussion at management meetings. A proactive attitude to water saving is part of the culture at Rooty Hill RSL," Damien said.

South Sydney Leagues Club

A member of Sydney Water's **every drop counts** business program since late 2002, South Sydney Leagues Club has scored a big win for water conservation, reducing usage by 70 per cent in just 12 months.

Prior to joining the program, the Club's maintenance crew found and repaired a major leak in the car park, saving 30 kilolitres per day, nearly 40 per cent of the Club's previous consumption. This triggered Club management to join **every drop counts**.

"We were already pre-disposed towards saving water but we needed to know the details of our water usage and how we can better manage water," Operations Manager, Glen Taylor said.

An audit of all water-using fixtures found opportunities for further savings. Installing flow controls on basin taps, repairing leaks in the cooling towers and reviewing kitchen practices were inexpensive but effective measures, which enabled Souths Sydney Leagues Club to exceed their projected water savings.

"Reducing consumption by nearly 28 kilolitres has saved over \$15,000 – money that we can now use to invest in some much needed facilities for the club.

Everyone wins, the over-stretched water supplies, the club management and the members," Glen said.

The Club has established an inspection routine regularly monitoring for leaks to ensure their savings are maintained.

St Marys District Band Club

Prior to joining the every drop counts program in early 2003, St Marys District Band Club was already putting a number of water conservation strategies in place.

"We thought we were doing well but when the facts were presented, we were surprised with the scope of what we could do to further improve our water savings," General Manager, Larry Collins said.

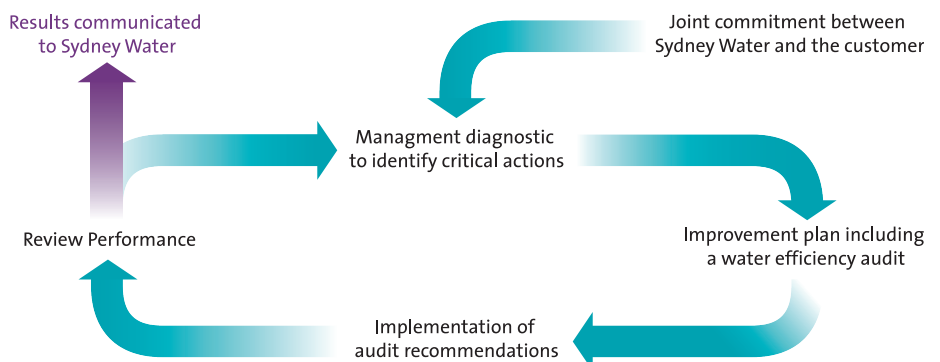
Based on a water audit, Sydney Water advised that water usage could be reduced by at least 18 per cent by implementing a series of relatively simple measures, including repairing leaks including a major problem on the air-conditioning cooling system, correctly placing movement sensors in urinals to reduce flushing time, installing flow controls on basin taps and initiating a daily inspection routine to locate leaks and repair faults.

The Club decided to go one step further and replaced the cooling towers, which had been leaking 3 kilolitres of water a day.

"We are now making significant reductions in water usage while trade is increasing. In fact the projected savings of 18 per cent have been eclipsed with an actual saving to date of over 30 per cent or 20 kilolitres per day," Larry said.

"Conservation awareness has been the single most important outcome for us. Our maintenance staff now check every fixture each week on a fixed schedule.

"Sydney Water has given us a new perspective that is incorporated into and educational process to get the message across to all staff and caterers."



The process that all clubs undergo in the **every drop counts** program. The case studies of Rooty Hill RSL, South Sydney Leagues Club and St Marys Band Club show how it is successfully applied in a cost-effective manner.